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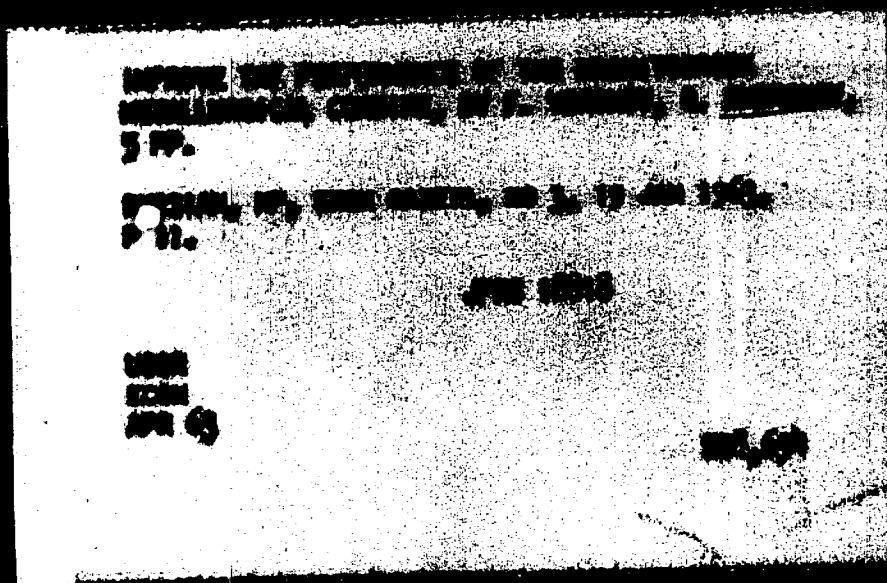
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ANIC ACID FROM AMMONIA, METHANE AND AIR
[Über die Katalytische Herstellung von Blausäure aus
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Order from OTS or SLA \$2.60 63-18105

Trans. of Oppau Ammonia Laboratory (Germany).
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DESCRIPTORS: *Hydrocyanic acids, Production, Syn-
thesis (Chemistry), *Ammonia, *Methanes, Air, Nitric
acid, Oxidation-reduction reactions, *Catalysts,
*Platinum catalysts, *Nickel catalysts, Explosives,
Impurities, Sodium compounds, *Cyanides.

(Chemistry--Inorganic, TT, v. 10, no. 12)

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No 4, 1958, p 432.

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Kinetics of Catalytic Synthesis of Hydroxyacetic
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Trans. of Angew[andte] Chem[ie] (Germany) 1927,
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DESCRIPTORS: Catalysis, Oxidation, *Ammonia,
Combustion, Chemical reactions, Cyano acids, Dif-
fusion, *Gas flow, Decomposition, Nitrogen.

The previous ammonia oxidation experiments at
platinum were extended with oxygen mixtures up to
temperatures of 1300°, flow rates of 570 cm/sec, and
contact times of millionths of a second. Even at
1200° and above, the nitric oxide yield at three folded
platinum wire gauzes can exceed 90%. The dependence
of the complete process on the quantity ratio of oxygen
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DESCRIPTORS: *Briquettes, Mixtures, Ceramic
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methods.

Effective methods were sought for the briquetting of
mixtures for glass making in order to eliminate a
number of disadvantages resulting from the use of
loose materials in glass melting. On the base of the
work done, the following conclusions are derived: it is
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(Materials--Ceramics, TT, v. 10, no. 12) (over)

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p. 60-62.

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turbines, Gas turbines.

Rational cycles and thermal schemes of steam-gas
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